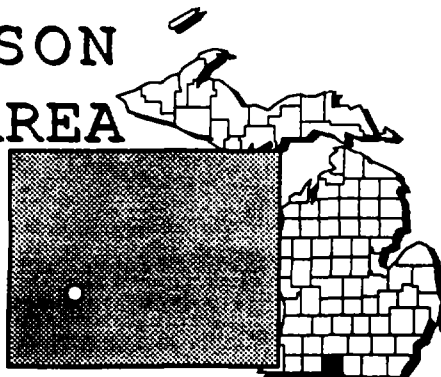


NORTH BRONSON INDUSTRIAL AREA

MICHIGAN

EPA ID# MID005480900



EPA REGION 5
CONGRESSIONAL DIST. 04
Branch County
North Bronson

Other Names:
Bronson Plating Mfg Co.
Bronson WWT
Bronson Residents Well

PLEASE VERIFY THE COUNTY MAP
AND SITE LOCATION

Site Description

The North Bronson Industrial Area (NBIA) in Bronson covers approximately ⁴⁰⁰~~250~~ acres. The actual areas of concern are the old and new lagoons and their surrounding surface soils and sediments. Several industries in the North Bronson area discharged plating and other industrial wastes to seepage lagoons between 1939 and 1949. An industrial sewer system was used to transport plating wastes to both sets of lagoons, which were owned and maintained by the City of Bronson. In 1949, the lagoons became overloaded, and leaks of plating wastes were reported. New lagoons were constructed in 1949. In 1970, Bronson Plating purchased the new lagoons from the City of Bronson and discharged wastes into these lagoons until 1981. The seepage lagoons are no longer used for waste disposal; however, they still contain an estimated 3,000 to 5,000 cubic yards of dewatered metal hydroxide sludges. The majority of the City of Bronson is within a 1-mile radius of the old lagoons at the NBIA site. The area surrounding the site is mixed industrial and residential, and the area north of the site is primarily rural. The population of the City of Bronson is approximately 2,270, and the majority of the residents in the area of the site are connected to the municipal water supply system. An estimated 3,000 people use wells within 3 miles of the site as a source of drinking water. The primary supply wells are located approximately 5,000 feet east of the site and are screened in the upper aquifer.

Site Responsibility: This site is being addressed through Federal and State actions.

NPL LISTING HISTORY
Proposed Date: 10/15/84
Final Date: 06/10/86

EPA Region 5 Records Ctr.



274193

Threats and Contaminants



On-site groundwater monitoring wells have shown detectable levels of trichloroethylene (TCE), dichloroethylene, and vinyl chloride as well as elevated levels of heavy metals and cyanide. Polychlorinated biphenyls (PCBs) and metals such as cadmium have been found in sediment samples at two locations downstream of the old lagoons. Lagoon sludge contains heavy metals including cadmium, chromium, and lead. Because municipal wells are located upgradient of the site, there is only a remote chance of site contaminants reaching these wells. Accidental ingestion of or direct contact with contaminated groundwater, sediment, and sludge could pose a health threat to people in the area.

* a portion of County Drain No. 30 located along the north side of the site and possibly also soil surrounding industrial sewer lines ^{may} lead to the lagoons.

Cleanup Approach

The site is being addressed in two phases: initial actions and a single long-term remedial phase directed at cleanup of the entire site.

Response Action Status



Initial Actions: Private wells found to be contaminated have been taken out of service and alternate water supplies have been provided to the affected residences.



Entire Site: The EPA initiated an investigation in mid-1987 to determine the type and extent of contamination at the site and to identify alternative remedies for the cleanup.

This investigation is expected to be completed in 1992. Two rounds of sampling have been conducted, with more field work scheduled for mid-1991.

Phase II of the RI/FS was completed in December, 1991, and a draft report presenting the results of the investigation is scheduled to be complete by August 1992.* Work has already begun.

Environmental Progress



Taking contaminated private wells out of service and providing alternate water supplies have reduced the potential for exposure to site contamination while studies leading to the selection of final cleanup remedies are conducted at the North Bronson Industrial Area site.

on an assessment of the risk the site poses to public health. The focus of the RI has been to define the extent of the contamination caused by the lagoons and to determine if other possible sources of contamination, such as the industrial sewer lines, exist. The field work that has been completed to date includes extensive sampling of the soils, ~~and~~ as well as sediments, and liquids in and near the lagoons, ^{in the} ~~collet~~ ^{collet}.
Drain, * Sampling of groundwater beneath the site.
* Based on an August 1992 date for submittal of the draft RI report, the final RI report may still be completed by first quarter of FY '93.

W. H. J.

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QA-P&L

1992 NPL Book Update Form

CERCLIS activities related to the attached Site Fact Sheet were recently reviewed. If new events are noted below, they were accomplished since data was collected for the 1991 version of the NPL Book. To verify these accomplishments, we would appreciate your input, either as a markup of this form or input into the NPL-PAD, for each of the events listed below. If the NO CERCLIS ACTION box is checked, analysis has revealed no new events or activities at the site. Other information, including the threats present at the site, population affected, county, etc., may be incorrect or incomplete. Update these sections as appropriate. Finally, please send any information (Community Relations Fact Sheets, ROD Summaries, etc.) that would be helpful in providing background documentation of activities at the site.

NO CERCLIS ACTION <input type="checkbox"/>	Site <u>North Bronson Industrial Area</u>
	EPA ID <u>MI D005480900</u>
	RPM <u>Michael Valentino</u>
	Telephone No. <u>312-886-4785</u>

General Issues _____

Operable Unit/Event 01 - RI/FSI - Entire Site
Information Need According to Cerclis an RI/FS began 06/24/87. Is the expected completion date still the first quarter of FY '93? What is the focus of the RI/FS? What field work has been completed to date?

Operable Unit/Event _____
Information Need _____

Operable Unit/Event _____
Information Need _____

